

## **STATEMENT OF WORK**

### **Access Road (560)**

**These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.**

## **DESIGN**

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### **Deliverables:**

1. Design survey
  - a. Alignment survey.
  - b. Profile and cross-sections of centerline
  - c. Locations of physical features (drainages, trees, rocks, etc.) that will affect construction.
  - d. Soils investigations as needed.
  - e. Intended use (public or private).
2. Design documents that demonstrate criteria in practice standard have been met and are compatible with planned and applied practices
  - a. Practice purpose(s) as identified in the conservation plan.
  - b. List of required permits to be obtained by the client
  - c. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06)
  - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Alignment
    - ii. Surface width.
    - iii. Slope suitability
    - iv. Hydrology of contributing areas.
    - v. Drainage requirements.
    - vi. Erosion control.
    - vii. Surfacing requirements.
    - viii. Revegetation requirements.
    - ix. Structural requirements
    - x. Quantity computations.
    - xi. If for public use, what local design criteria was used (county, state, or federal).
3. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
  - a. Location Map (required)
  - b. Plan, profile, and cross section of access road (a & b may be combined).
  - c. Structure locations and details.
  - d. Drainage requirements
  - e. Surfacing details and location of source, if required.
  - f. Borrow areas, if required.
  - g. Extent of revegetation.
  - h. Waste and disposal areas, if required.
  - i. Table of quantities.
4. Operation and maintenance plan
5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03 (a) (3))
6. Design modifications during installation as required

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### **INSTALLATION**

#### **Deliverables**

1. Pre-installation conference with client and contractor
2. Verification that client has obtained required permits
3. Staking and layout according to plans and specifications including applicable layout notes
  - a. Centerline alignment along with applicable cut-and-fill stakes.
  - b. Structure, location, alignment, and applicable offset grade stakes.
  - c. Location, alignment, and extent of erosion control ditches or structures.
4. Installation inspection
  - a. Actual materials used (NEM Part 512, Subpart D Quality Assurance Activities, 512.33)
  - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
7. Certification that the installation process and materials meets design and permit requirements

### **CHECK OUT**

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#### **Deliverables**

1. As-built documentation
  - a. Centerline profile.
  - b. Measurements, alignments, and elevation of structure.
  - c. Cross sections as required.
  - d. Material test results (recorded on applicable forms).
  - e. Adequacy of surfacing and erosion control.
  - f. Adequacy of revegetation.
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03 (c) (1)).
3. Progress reporting

### **REFERENCES**

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- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Access Road, 560
- National Engineering Manual, Utility Safety Policy
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook